

**ABSTRACT OF THE DISCLOSURE**

Roll printing paper is provided at a high security level and a lower cost by accepting roll paper only corresponding to a printer. When printing paper is used by mounting it in a printer, a photosensor scans and reads an information code on the end face of a paper pipe while it is rotating, and a photosensor scans and reads an information code of roll paper, thereby determining whether or not they correspond to each other. If they correspond to each other, it is determined that the paper pipe is loaded with predetermined rotor. If they do not correspond to each other, it is determined that the paper pipe is loaded with wrong roll paper.